



PUBLIC NOTICE

File Number: NRS 14.266

Pursuant to Chapter 0400-40-07-.04(4)a of the Department's rules, this public notice is being issued as part of the emergency permit process where public infrastructure was in immediate danger of failure along Moize Creek in Jackson, TN. A permit was issued to Jackson Energy Authority November 13, 2014 that allowed immediate remedial action to stop an infrastructure threat. Therefore, this public notice is to inform citizens and stakeholders about the action that has already been taken.

PERMITTEE: Jackson Energy Authority
c/o Monte Cooper
185 Meadow Street
Jackson, TN 38301
731-422-7397

LOCATION: JEA Substation, Jackson, TN
Latitude: 35.70 Longitude: -88.85

PROJECT DESCRIPTION: The permittee was authorized to stabilize approximately 280 linear feet of the right descending bank of Moize Creek with fabric formed concrete matting. The activity was part of a larger project where 300 linear feet of stream bank stabilization was previously authorized. The cumulative impacts of these bank stabilization activities required mitigation. The permittee has proposed to mitigate for the total 580 linear feet of impact to the riparian buffer. Additionally, this stream is impaired for habitat and should be mitigated within the HUC12. The permittee conducted a search of sites and through due diligence determined that the most effective mitigation would be Bailey Fork Creek. This mitigation would require an additional ratio factor due to proximity to the impact site. To offset these losses, the proposed restoration would require 870 linear feet of stream restoration to offset the proposed impacts.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will result degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: Moize Creek is part of the North Fork of the Forked Deer Watershed. The North Fork Forked Deer River Watershed is located in West Tennessee and includes parts of Carroll, Crockett, Dyer, Gibson, Henderson and Madison counties. It is approximately 962 square miles, includes the Middle Fork Forked Deer River, and drains to the Forked Deer River. There are 11 rare plant and animal species in the North Fork Forked Deer River Watershed.

Stream Name / ID #: Moize Creek (TN08010204010_0800)
Ecoregion: 74b; Loess Plains

Stream Dimension:	Channel bottom width	10-30 feet wide
	Chanel top width	30-50 feet
	Water depth	0.5-2 feet
	Bank height	10-20 feet
Substrate:	sand	

Designated Use	Use Support	Causes
Fish and aquatic life	Not supporting	Siltation, E. coli, physical Substrate alteration
Recreation	Not supporting	
Industrial water supply	Fully supporting	
Irrigation	Fully supporting	
Livestock watering & wildlife	Fully supporting	

This stream is impaired for habitat. These activities require mitigation. The applicant has selected a stream restoration project to offset the loss of these natural resources.

Assessment Date: 2012

PERMIT COORDINATOR: Vena Jones

COMMENTING: Persons wishing to comment on the permit are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this activity. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Calabrese Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243

Location



Site Designs



2013 Project – Photo taken in 2014 (Approx. 18 Months). Vegetation along the toe of slope is promoting sand accumulation and burying the hard armor.

Proposed Mitigation:

